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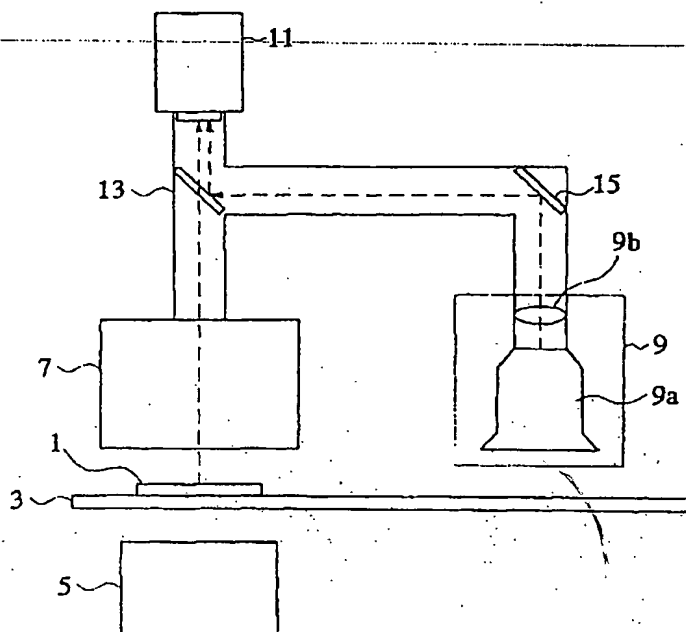
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(54) Title: PRINTED CIRCUIT BOARD INSPECTION SYSTEM COMBINING X-RAY INSPECTION AND VISUAL INSPECTION



(57) Abstract: A circuit board inspection system combining an X-RAY inspection and a visual inspection comprises a transfer unit (3) that lands an inspected object (1) safely thereon and transfers the inspected object (1) to a predetermined position; a light generating unit (5) that is installed below the transfer unit (3) and emits a light having a predetermined wavelength to the inspected object (1); a light amplifying unit (7) that is installed on the opposite side of the light generating unit (5) to convert and amplify a predetermined light that transmits the inspected object (1) into a visible light; an optical unit (9) that optically illuminates the inspected object (1) to create a visual image; and a camera (11) that receives an X-ray image amplified through the light amplifying unit (7) or a visual image by the optical unit (9) to obtain information.

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